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(51) International Patent Classification ⁶ : C12N 5/00, 5/14, 15/05, 15/29, A01H 1/00, 3/00, 4/00, 5/00	A1	(11) International Publication Number: WO 99/03975 (43) International Publication Date: 28 January 1999 (28.01.99)
(21) International Application Number: PCT/US98/14895 (22) International Filing Date: 15 July 1998 (15.07.98) (30) Priority Data: 60/052,606 15 July 1997 (15.07.97) US (71) Applicant (for all designated States except US): DAVID MICHAEL & CO., INC. [US/US]; 10801 Decatur Road, Philadelphia, PA 19154 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): HAVKIN-FRENKEL, Daphna [US/US]; 772 Cranbury Cross Road, North Brunswick, NJ 08902 (US). PODSTOLSKI, Andrzej [PL/PL]; University of Experimental Biology of Plants, University of Warsaw, ul. Pawinskiego 5A, PL-02-106 Warsaw (PL). (74) Agents: REED, Janet, E. et al.; Dann Dorfman Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: IMPROVED VANILLIN PRODUCTION		
(57) Abstract Novel compositions and methods for improving vanillin production in cultured <i>Vanilla planifolia</i> and in intact plants are provided. Transgenic cells and plants having improved vanillin production are also provided.		

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